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Key word index

Acetylcholine
Adenosine; Vagal stimulation; Theophylline; Reserpine; (Rat) (Monteiro, E.C. (204) 193)

Acetylcholine release
Muscarinic M_3 receptors; Bronchioles (Itabashi, S. (204) 235)

Adenosine
Hypoxia; Bradycardia; AICA (5-amino-4-imidazolecarboxamide) riboside (Oei, H.H.H. (204) 1)

Vagal stimulation; Acetylcholine; Theophylline; Reserpine; (Rat) (Monteiro, E.C. (204) 193)

5-HT (5-hydroxytryptamine, serotonin); Noradrenaline; Spinal antinociception (Sawynok, J. (204) 301)

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ADR-851
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ADR-882
Pain; Analgesia; 5-HT_3 receptors; ADR-851; Inflammation (Sufka, K.J. (204) 117)

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α_2-Adrenoceptor agonists
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α_2-Adrenoceptors
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AMPA (2-amino-3-(3-hydroxy-5-methylisoxazole-4-yl propionic acid)
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Arthropod toxins
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σ-Binding sites
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BMY 14802
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Ca^{2+}–Mg^{2+} antagonism
Ca^{2+} inward current; Heart ventricular muscle (Dichtl, A. (204) 243)

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Neuropeptide Y (NPY); NPY receptor antagonists; D-myo-Inositol-1,2,6-trisphosphate (PP56); Blood pressure (Sun, X. (204) 281)

Clomipramine
Pharmacokinetics (cerebral); 5-HT (5-hydroxytryptamine, serotonin); Norepinephrine; 5-HIAA (5-hydroxyindole acetic acid); MHPG (3-methoxy-4-hydroxyphenylglycol) (Fujita, K. (204) 227)

Clonidine
Rostral ventrolateral medulla; Voltammetry; Imidazoline; α_2-Adrenoceptor agonists; Adrenaline (Mermet, C. (204) 105)

Contractility
Phorbol ester; Protein kinase C; Field stimulation; Noradrenaline release; Vas deferens (mouse) (Kaschube, M. (204) 55)

Contraction
Angiotensin II receptor subtypes; Intestine; (Rat) (Schinke, M. (204) 165)

Copper sulphate
Vomiting; 5-HT_4 receptors; Zacopride; ICS 205-930 (Bhandari, P. (204) 273)

Corpus striatum
Substantia nigra; Dopamine release; Microdialysis; Dopamine D_1 receptors; Dopamine D_2 receptors (Santiago, M. (204) 79)

CTOP (D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Phe-Thr-NH_2)
DAMGO ([D-Ala^2,N-me-Phe^4,Gly^5-ol]enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin); Naloxone; ICI 174,864; β-Funaltrexamine; CGRP (calcitonin gene-related peptide); Mesentery (rat) (Li, Y. (204) 323)

DAMGO ([D-Ala^2,N-me-Phe^4,Gly^5-ol]enkephalin)
DPDPE ([D-Pen^2,D-Pen^5]enkephalin); Naloxone; CTOP (D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Phe-Thr-NH_2); ICI 174,864; β-Funaltrexamine; CGRP (calcitonin gene-related peptide); Mesentery (rat) (Li, Y. (204) 323)

Desensitization
Muscarinic receptors; Protein kinase C; Ciliary muscle (Lograno, M.D. (204) 49)

Dicarboxylic amino acids
Barbiturates; cGMP; NMDA (N-methyl-D-aspartic acid); Quisqualic acid; Kainic acid (Morgan, W.W. (204) 335)

Dietary Mg^{2+}-deficient mice
NMDA receptor antagonists; Anticonvulsant effects; Tonic convulsion; Epileptiform discharge; Hippocampal slice (Nakanishi, H. (204) 29)

Dopamine
Antinociception; Writhing test; Nefopam (Ohkubo, Y. (204) 121)

Dopamine D_1 receptors
Corpus striatum; Substantia nigra; Dopamine release; Microdialysis; Dopamine D_2 receptors (Santiago, M. (204) 79)

Oro-facial dyskinesia; SK&F 38393; SCH 23390; Behaviour; (Cat) (Spooren, W.P.J.M. (204) 217)

Dopamine D_2 receptors
Corpus striatum; Substantia nigra; Dopamine release; Microdialysis; Dopamine D_1 receptors (Santiago, M. (204) 79)

Dopamine release
Corpus striatum; Substantia nigra; Microdialysis; Dopamine D_1 receptors; Dopamine D_2 receptors (Santiago, M. (204) 79)

MDMA (3,4-methylenedioxymethamphetamine); Microdialysis (in vivo); Enantiomers; Pharmacokinetics; Pharmacodynamics (Hiramatsu, M. (204) 135)

Dopaminergic neurons
Amphetamine; Substantia nigra; Attention deficit disorder; Neonate; (Stimulants) (Trent, F. (204) 265)

DP-5-CT (N,N-dipropyl-5-carboxamidotryptamine)
Buspirone; Ipsapirone; 1-PP (1-(2-pyrimidinyl)piperazine); TRH–thyrotropin axis; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); 5-HT_{1A} receptors; α_2-Adrenoceptors (Broqua, P. (204) 141)

DPDPE ([D-Pen^2,D-Pen^5]enkephalin)
DAMGO ([D-Ala^2,N-me-Phe^4,Gly^5-ol]enkephalin); Naloxone; CTOP (D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Phe-Thr-NH_2); ICI 174,864; β-Funaltrexamine; CGRP (calcitonin gene-related peptide); Mesentery (rat) (Li, Y. (204) 323)

Efaroxan
K^+_{ATP} channels; Insulin secretion; Patch-clamp; Imidazoline; Adrenoceptors (Chan, S.L.F. (204) 41)

Electrical field stimulation
(R)-α-Methylhistamine; Thioperamide; Heart; Sympathetic terminals (Luo, X.-X. (204) 311)

Enantiomers
MDMA (3,4-methylenedioxymethamphetamine); Dopamine release; Microdialysis (in vivo); Pharmacokinetics; Pharmacodynamics (Hiramatsu, M. (204) 135)

^{125}I-Endothelin-1 binding
Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); Endothelin receptors; ^{125}I-Sarafotoxin 6b binding; Spinal cord (Gulati, A. (204) 287)

Endothelin receptors
Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); ^{125}I-Sarafotoxin 6b binding; ^{125}I-Endothelin-1 binding; Spinal cord (Gulati, A. (204) 287)

Endothelium
Berberine; Ca^{2+} store (cellular); Mesenteric arteries (Chiou, W.-F. (204) 35)

NK_3 receptors; Mesenteric vascular bed (rat); Venoconstriction (D'Orléans-Juste, P. (204) 329)

Endotoxin
Nitroprusside (sodium); Vascular reactivity; Vasodilators (Guc, M.O. (204) 63)

Enteric nervous system
Autonomic ganglia; Ileum (guinea-pig); Thyrotropin-releasing hormone (TRH); Intestinal secretion; Intestinal mucosa; Synaptic transmission (Zafirov, D.H. (204) 109)

Epileptiform discharge
Dietary Mg^{2+}-deficient mice; NMDA receptor antagonists; Anticonvulsant effects; Tonic convulsion; Hippocampal slice (Nakanishi, H. (204) 29)

Escape deficit
Inescapable shock; Inactivity; Shuttle-box; Antidepressants (Murua, V.S. (204) 187)

Field stimulation
Phorbol ester; Protein kinase C; Noradrenaline release; Contractility; Vas deferens (mouse) (Kaschube, M. (204) 55)

β-Funaltrexamine
DAMGO ([D-Ala^2,N-me-Phe^4,Gly^5-ol]enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin); Naloxone; CTOP (D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Phe-Thr-NH_2); ICI 174,864; CGRP (calcitonin gene-related peptide); Mesentery (rat) (Li, Y. (204) 323)

Fura-2
Vas deferens (rat); Neurokinin A; Ca^{2+} (Nagata, K. (204) 295)

Galanin
8-OH-DPAT (8-OH-2-(di-n-propylamino)tetralin); Blood pressure; Autoradiography; Medulla oblongata; (Intracisternal injections) (Hedlund, P.B. (204) 87)

Glibenclamide
KRN2391; Nicorandil; K^+ channels; Myocardial ischemia (Ohta, H. (204) 171)

cGMP
Barbiturates; Dicarboxylic amino acids; NMDA (N-methyl-D-aspartic acid); Quisqualic acid; Kainic acid (Morgan, W.W. (204) 335)

GRH analogues
GRH (growth hormone-releasing hormone); Pituitary cells (rat); (Agonists); (Antagonists) (Coy, D.H. (204) 179)

GRH (growth hormone-releasing hormone)
GRH analogues; Pituitary cells (rat); (Agonists); (Antagonists) (Coy, D.H. (204) 179)

Heart
(R)-α-Methylhistamine; Thioperamide; Electrical field stimulation; Sympathetic terminals (Luo, X.-X. (204) 311)

Heart (guinea-pig)
Leukotriene D_4; Polyphosphoinositides (Falcone, R.C. (204) 223)

Heart ventricular muscle
Ca^{2+}–Mg^{2+} antagonism; Ca^{2+} inward current (Dichtl, A. (204) 243)

5-HIAA (extracellular)
5-HT_{1A} receptors; α_1-Adrenoceptors; NAN-190; 5-HT synthesis; Phosphoinositide turnover; Adenylate cyclase activity; Brain (rat); 5-HT (extracellular) (Claustre, Y. (204) 71)

5-HIAA (5-hydroxyindole acetic acid)
Clomipramine; Pharmacokinetics (cerebral); 5-HT (5-hydroxytryptamine, serotonin); Norepinephrine; MHPG (3-methoxy-4-hydroxyphenylglycol) (Fujita, K. (204) 227)

Hippocampal slice
Dietary Mg^{2+}-deficient mice; NMDA receptor antagonists; Anticonvulsant effects; Tonic convulsion; Epileptiform discharge (Nakanishi, H. (204) 29)

Histamine
Passive cutaneous anaphylaxis; Microvascular permeability; Leukotriene D_4; PAF (platelet-activating factor, PAF-acether) (Weg, V.B. (204) 157)

Neuropeptide Y; Neuropeptide Y fragments; Blood pressure; Mast cells; Receptor binding (Shen, G.H. (204) 249)

5-HT (extracellular)
5-HT_{1A} receptors; α_1-Adrenoceptors; NAN-190; 5-HT synthesis; Phosphoinositide turnover; Adenylate cyclase activity; Brain (rat); 5-HIAA (extracellular) (Claustre, Y. (204) 71)

5-HT (5-hydroxytryptamine, serotonin)
Clomipramine; Pharmacokinetics (cerebral); Norepinephrine; 5-HIAA (5-hydroxyindole acetic acid); MHPG (3-methoxy-4-hydroxyphenylglycol) (Fujita, K. (204) 227)

Noradrenaline; Adenosine; Spinal antinociception (Sawynok, J. (204) 301)

5-HT_2 receptor antagonists
RP 62203; LSD (lysergic acid diethylamide); Prefrontal cortex; Median raphe nucleus; Ventral tegmental area; (Extracellular recordings); (Rat) (Godbout, R. (204) 97)

5-HT_{1A} receptors
BMY 14802; Antipsychotic agents; σ-Binding sites (Bristow, L.J. (204) 21)

α_1-Adrenoceptors; NAN-190; 5-HT synthesis; Phosphoinositide turnover; Adenylate cyclase activity; Brain (rat); 5-HT (extracellular); 5-HIAA (extracellular) (Claustre, Y. (204) 71)

Buspirone; Ipsapirone; 1-PP (1-(2-pyrimidinyl)piperazine); TRH–thyrotropin axis; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); DP-5-CT (N,N-dipropyl-5-carboxamidotryptamine); α_2-Adrenoceptors (Broqua, P. (204) 141)

5-HT_3 receptors
Pain; Analgesia; ADR-851; ADR-882; Inflammation (Sufka, K.J. (204) 117)

5-HT_4 receptors
Vomiting; Zacopride; ICS 205-930; Copper sulphate (Bhandari, P. (204) 273)

5-HT synthesis
5-HT_{1A} receptors; α_1-Adrenoceptors; NAN-190; Phosphoinositide turnover; Adenylate cyclase activity; Brain (rat); 5-HT (extracellular); 5-HIAA (extracellular) (Claustre, Y. (204) 71)

Hypoxia
Adenosine; Bradycardia; AICA (5-amino-4-imidazolecarboxamide) riboside (Oei, H.H.H. (204) 1)

ICI 174,864
DAMGO ([D-Ala^2,N-me-Phe^4,Gly^5-ol]enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin); Naloxone; CTOP (D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Phe-Thr-NH_2); β-Funaltrexamine; CGRP (calcitonin gene-related peptide); Mesentery (rat) (Li, Y. (204) 323)

ICS 205-930
Vomiting; 5-HT_4 receptors; Zacopride; Copper sulphate (Bhandari, P. (204) 273)

Ileum (guinea-pig)
Enteric nervous system; Autonomic ganglia; Thyrotropin-releasing hormone (TRH); Intestinal secretion; Intestinal mucosa; Synaptic transmission (Zafirov, D.H. (204) 109)

Imidazoline
Efaroxan; K^+_{ATP} channels; Insulin secretion; Patch-clamp; Adrenoceptors (Chan, S.L.F. (204) 41)

Rostral ventrolateral medulla; Voltammetry; α_2-Adrenoceptor agonists; Clonidine; Adrenaline (Mermet, C. (204) 105)

Inactivity
Inescapable shock; Escape deficit; Shuttle-box; Antidepressants (Murua, V.S. (204) 187)

Inescapable shock
Inactivity; Escape deficit; Shuttle-box; Antidepressants (Murua, V.S. (204) 187)

Inflammation
Pain; Analgesia; 5-HT_3 receptors; ADR-851; ADR-882 (Sufka, K.J. (204) 117)

D-myo-Inositol-1,2,6-trisphosphate (PP56)
Neuropeptide Y (NPY); NPY receptor antagonists; Blood pressure; Circulation (Sun, X. (204) 281)

Insulin secretion
Efaroxan; K^+_{ATP} channels; Patch-clamp; Imidazoline; Adrenoceptors (Chan, S.L.F. (204) 41)

Intestinal mucosa
Enteric nervous system; Autonomic ganglia; Ileum (guinea-pig); Thyrotropin-releasing hormone (TRH); Intestinal secretion; Synaptic transmission (Zafirov, D.H. (204) 109)

Intestinal secretion
Enteric nervous system; Autonomic ganglia; Ileum (guinea-pig); Thyrotropin-releasing hormone (TRH); Intestinal mucosa; Synaptic transmission (Zafirov, D.H. (204) 109)

Intestine
Angiotensin II receptor subtypes; Contraction; (Rat) (Schinke, M. (204) 165)

Iontophoresis
Arthropod toxins; NMDA (N-methyl-D-aspartate); AMPA (2-amino-3-(3-hydroxy-5-methylisoxazole-4-yl propionic acid); Spinal neurones (Jones, M.G. (204) 203)

Ipsapirone
Buspirone; 1-PP (1-(2-pyrimidinyl)piperazine); TRH–thyrotropin axis; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); DP-5-CT (N,N-dipropyl-5-carboxamidotryptamine); 5-HT_{1A} receptors; α_2-Adrenoceptors (Broqua, P. (204) 141)

Ischemia
LP-805; Myocardial pH (Ichihara, K. (204) 127)

Kainic acid
Barbiturates; Dicarboxylic amino acids; cGMP; NMDA (N-methyl-D-aspartic acid); Quisqualic acid (Morgan, W.W. (204) 335)

K^+_{ATP} channels
Efaroxan; Insulin secretion; Patch-clamp; Imidazoline; Adrenoceptors (Chan, S.L.F. (204) 41)

K^+ channels
KRN2391; Nicorandil; Glibenclamide; Myocardial ischemia (Ohta, H. (204) 171)

KRN2391
Nicorandil; Glibenclamide; K^+ channels; Myocardial ischemia (Ohta, H. (204) 171)

Leukotriene D_4
Passive cutaneous anaphylaxis; Microvascular permeability; Histamine; PAF (platelet-activating factor, PAF-acether) (Weg, V.B. (204) 157)

Heart (guinea-pig); Polyphosphoinositides (Falcone, R.C. (204) 223)

Lipid peroxidation
Malondialdehyde; Ca^{2+} channel antagonists; Brain microsomes (Gonçalves, T. (204) 315)

LP-805
Myocardial pH; Ischemia (Ichihara, K. (204) 127)

LSD (lysergic acid diethylamide)
RP 62203; 5-HT_2 receptor antagonists; Prefrontal cortex; Median raphe nucleus; Ventral tegmental area; (Extracellular recordings); (Rat) (Godbout, R. (204) 97)

Malondialdehyde
Lipid peroxidation; Ca^{2+} channel antagonists; Brain microsomes (Gonçalves, T. (204) 315)

Mast cells
Neuropeptide Y; Neuropeptide Y fragments; Blood pressure; Histamine; Receptor binding (Shen, G.H. (204) 249)

MDMA (3,4-methylenedioxymethamphetamine)
Dopamine release; Microdialysis (in vivo); Enantiomers; Pharmacokinetics; Pharmacodynamics (Hiramatsu, M. (204) 135)

Medetomidine
α_2-Adrenoceptors; Atipamezole; Antinociception; Spinal mechanisms; Bulboreticular formation (Pertovaara, A. (204) 9)

Median raphe nucleus
RP 62203; 5-HT_2 receptor antagonists; LSD (lysergic acid diethylamide); Prefrontal cortex; Ventral tegmental area; (Extracellular recordings); (Rat) (Godbout, R. (204) 97)

Medulla oblongata
Galanin; 8-OH-DPAT (8-OH-2-(di-n-propylamino)tetralin); Blood pressure; Autoradiography; (Intracisternal injections) (Hedlund, P.B. (204) 87)

Memory (working)
Staurosporine; Protein kinase C; Cerebral ischemia; Runway task; (Rat) (Ohno, M. (204) 113)

Mesenteric arteries
Berberine; Endothelium; Ca^{2+} store (cellular) (Chiou, W.-F. (204) 35)

Mesenteric vascular bed (rat)
NK_3 receptors; Endothelium; Venoconstriction (D'Orléans-Juste, P. (204) 329)

Mesentery (rat)
DAMGO ([D-Ala^2,N-me-Phe^4,Gly^5-ol]enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin); Naloxone; CTOP (D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Phe-Thr-NH_2); ICI 174,864; β-Funaltrexamine; CGRP (calcitonin gene-related peptide) (Li, Y. (204) 323)

(R)-α-Methylhistamine
Thioperamide; Electrical field stimulation; Heart; Sympathetic terminals (Luo, X.-X. (204) 311)

MHPG (3-methoxy-4-hydroxyphenylglycol)
Clomipramine; Pharmacokinetics (cerebral); 5-HT (5-hydroxytryptamine, serotonin); Norepinephrine; 5-HIAA (5-hydroxyindole acetic acid) (Fujita, K. (204) 227)

Microdialysis
Corpus striatum; Substantia nigra; Dopamine release; Dopamine D_1 receptors; Dopamine D_2 receptors (Santiago, M. (204) 79)

Microdialysis (in vivo)
MDMA (3,4-methylenedioxymethamphetamine); Dopamine release; Enantiomers; Pharmacokinetics; Pharmacodynamics (Hiramatsu, M. (204) 135)

Microvascular permeability
Passive cutaneous anaphylaxis; Histamine; Leukotriene D_4; PAF (platelet-activating factor, PAF-acether) (Weg, V.B. (204) 157)

Monensin
Na^+, K^+-ATPase; Veratrine; Ca^{2+}; Na^+–Ca^{2+} exchange; Sulfhydryl (Matsuda, T. (204) 257)

Muscarinic receptors
Protein kinase C; Ciliary muscle; Desensitization (Lograno, M.D. (204) 49)

Carbachol; Na^+; Pancreatic islets (Saha, S. (204) 211)

Muscarinic M_3 receptors
Acetylcholine release; Bronchioles (Itabashi, S. (204) 235)

Myocardial ischemia
KRN2391; Nicorandil; Glibenclamide; K^+ channels (Ohta, H. (204) 171)

Myocardial pH
LP-805; Ischemia (Ichihara, K. (204) 127)

Na^+
Carbachol; Muscarinic receptors; Pancreatic islets (Saha, S. (204) 211)

Na^+–Ca^{2+} exchange
Na^+, K^+-ATPase; Monensin; Veratrine; Ca^{2+}; Sulfhydryl (Matsuda, T. (204) 257)

Na^+, K^+-ATPase
Monensin; Veratrine; Ca^{2+}; Na^+–Ca^{2+} exchange; Sulfhydryl (Matsuda, T. (204) 257)

Naloxone
DAMGO ([D-Ala^2,N-me-Phe^4,Gly^5-ol]enkephalin); DPDPE ([D-Pen^2,D-Pen^5]enkephalin); CTOP (D-Phe-Cys-Tyr-D-Trp-Orn-Thr-Phe-Thr-NH_2); ICI 174,864; β-Funaltrexamine; CGRP (calcitonin gene-related peptide); Mesentery (rat) (Li, Y. (204) 323)

NAN-190
5-HT_{1A} receptors; α_1-Adrenoceptors; 5-HT synthesis; Phosphoinositide turnover; Adenylate cyclase activity; Brain (rat); 5-HT (extracellular); 5-HIAA (extracellular) (Claustre, Y. (204) 71)

Nefopam
Antinociception; Dopamine; Writhing test (Ohkubo, Y. (204) 121)

Neonate
Amphetamine; Substantia nigra; Dopaminergic neurons; Attention deficit disorder; (Stimulants) (Trent, F. (204) 265)

Neurokinin A
Vas deferens (rat); Ca^{2+}; Fura-2 (Nagata, K. (204) 295)

Neuropeptide Y
Neuropeptide Y fragments; Blood pressure; Mast cells; Histamine; Receptor binding (Shen, G.H. (204) 249)

Neuropeptide Y fragments
Neuropeptide Y; Blood pressure; Mast cells; Histamine; Receptor binding (Shen, G.H. (204) 249)

Neuropeptide Y (NPY)
NPY receptors; Y_1 receptors; Y_2 receptors; [Leu^{31},Pro^{34}]NPY; NPY-(18-36); NPY-(13-36) (Doods, H.N. (204) 101)

NPY receptor antagonists; D-myo-Inositol-1,2,6-trisphosphate (PP56); Blood pressure; Circulation (Sun, X. (204) 281)

Nicorandil
KRN2391; Glibenclamide; K^+ channels; Myocardial ischemia (Ohta, H. (204) 171)

Nitroprusside (sodium)
Endotoxin; Vascular reactivity; Vasodilators (Guc, M.O. (204) 63)

NK_3 receptors
Endothelium; Mesenteric vascular bed (rat); Venoconstriction (D'Orléans-Juste, P. (204) 329)

NMDA (N-methyl-D-aspartate)
Arthropod toxins; AMPA (2-amino-3-(3-hydroxy-5-methylisoxazole-4-yl propionic acid); Spinal neurones; Iontophoresis (Jones, M.G. (204) 203)

NMDA (N-methyl-D-aspartic acid)
Barbiturates; Dicarboxylic amino acids; cGMP; Quisqualic acid; Kainic acid (Morgan, W.W. (204) 335)

NMDA receptor antagonists
Dietary Mg^{2+}-deficient mice; Anticonvulsant effects; Tonic convulsion; Epileptiform discharge; Hippocampal slice (Nakanishi, H. (204) 29)

Noradrenaline
5-HT (5-hydroxytryptamine, serotonin); Adenosine; Spinal antinociception (Sawynok, J. (204) 301)

Noradrenaline release
Phorbol ester; Protein kinase C; Field stimulation; Contractility; Vas deferens (mouse) (Kaschube, M. (204) 55)

Norepinephrine
Vas deferens (mouse); ATP; Purinoceptors; (Synergism) (Witt, P.A. (204) 149)

Clomipramine; Pharmacokinetics (cerebral); 5-HT (5-hydroxytryptamine, serotonin); 5-HIAA (5-hydroxyindole acetic acid); MHPG (3-methoxy-4-hydroxyphenylglycol) (Fujita, K. (204) 227)

[Leu^{31},Pro^{34}]NPY
Neuropeptide Y (NPY); NPY receptors; Y_1 receptors; Y_2 receptors; NPY-(18-36); NPY-(13-36) (Doods, H.N. (204) 101)

NPY-(13-36)
Neuropeptide Y (NPY); NPY receptors; Y_1 receptors; Y_2 receptors; [Leu^{31},Pro^{34}]NPY; NPY-(18-36) (Doods, H.N. (204) 101)

NPY-(18-36)
Neuropeptide Y (NPY); NPY receptors; Y_1 receptors; Y_2 receptors; [Leu^{31},Pro^{34}]NPY; NPY-(13-36) (Doods, H.N. (204) 101)

NPY receptor antagonists
Neuropeptide Y (NPY); D-myo-Inositol-1,2,6-trisphosphate (PP56); Blood pressure; Circulation (Sun, X. (204) 281)

NPY receptors
Neuropeptide Y (NPY); Y_1 receptors; Y_2 receptors; [Leu^{31},Pro^{34}]-NPY; NPY-(18-36); NPY-(13-36) (Doods, H.N. (204) 101)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
Buspirone; Ipsapirone; 1-PP (1-(2-pyrimidinyl)piperazine); TRH–thyrotropin axis; DP-5-CT (N,N-dipropyl-5-carboxamidotryptamine); 5-HT_{1A} receptors; α_2-Adrenoceptors (Broqua, P. (204) 141)

8-OH-DPAT (8-OH-2-(di-n-propylamino)tetralin)
Galanin; Blood pressure; Autoradiography; Medulla oblongata; (Intracisternal injections) (Hedlund, P.B. (204) 87)

Oro-facial dyskinesia
Dopamine D_1 receptors; SK&F 38393; SCH 23390; Behaviour; (Cat) (Spooren, W.P.J.M. (204) 217)

PAF (platelet-activating factor, PAF-acether)
Passive cutaneous anaphylaxis; Microvascular permeability; Histamine; Leukotriene D_4 (Weg, V.B. (204) 157)

Pain
Analgesia; 5-HT_3 receptors; ADR-851; ADR-882; Inflammation (Sufka, K.J. (204) 117)

Pancreatic islets
Carbachol; Muscarinic receptors; Na^+ (Saha, S. (204) 211)

Passive cutaneous anaphylaxis
Microvascular permeability; Histamine; Leukotriene D_4; PAF (platelet-activating factor, PAF-acether) (Weg, V.B. (204) 157)

Patch-clamp
Efaroxan; K^+_{ATP} channels; Insulin secretion; Imidazoline; Adrenoceptors (Chan, S.L.F. (204) 41)

Pharmacodynamics
MDMA (3,4-methylenedioxymethamphetamine); Dopamine release; Microdialysis (in vivo); Enantiomers; Pharmacokinetics (Hiramatsu, M. (204) 135)

Pharmacokinetics
MDMA (3,4-methylenedioxymethamphetamine); Dopamine release; Microdialysis (in vivo); Enantiomers; Pharmacodynamics (Hiramatsu, M. (204) 135)

Pharmacokinetics (cerebral)
Clomipramine; 5-HT (5-hydroxytryptamine, serotonin); Norepinephrine; 5-HIAA (5-hydroxyindole acetic acid); MHPG (3-methoxy-4-hydroxyphenylglycol) (Fujita, K. (204) 227)

Phorbol ester
Protein kinase C; Field stimulation; Noradrenaline release; Contractility; Vas deferens (mouse) (Kaschube, M. (204) 55)

Phosphodiesterase inhibition
Caffeine; Theophylline; Adenosine receptors; Body temperature; (Mouse) (Durcan, M.J. (204) 15)

Phosphoinositide turnover
5-HT_{1A} receptors; α_1-Adrenoceptors; NAN-190; 5-HT synthesis; Adenylate cyclase activity; Brain (rat); 5-HT (extracellular); 5-HIAA (extracellular) (Claustre, Y. (204) 71)

Pituitary cells (rat)
GRH (growth hormone-releasing hormone); GRH analogues; (Agonists); (Antagonists) (Coy, D.H. (204) 179)

Polyphosphoinositides
Leukotriene D_4; Heart (guinea-pig) (Falcone, R.C. (204) 223)

1-PP (1-(2-pyrimidinyl)piperazine)
Buspirone; Ipsapirone; TRH–thyrotropin axis; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); DP-5-CT (N,N-dipropyl-5-carboxamidotryptamine); 5-HT_{1A} receptors; α_2-Adrenoceptors (Broqua, P. (204) 141)

Prefrontal cortex
RP 62203; 5-HT_2 receptor antagonists; LSD (lysergic acid diethylamide); Median raphe nucleus; Ventral tegmental area; (Extracellular recordings); (Rat) (Godbout, R. (204) 97)

Protein kinase C
Muscarinic receptors; Ciliary muscle; Desensitization (Lograno, M.D. (204) 49)

Phorbol ester; Field stimulation; Noradrenaline release; Contractility; Vas deferens (mouse) (Kaschube, M. (204) 55)

Staurosporine; Cerebral ischemia; Memory (working); Runway task; (Rat) (Ohno, M. (204) 113)

Purinoceptors
Vas deferens (mouse); ATP; Norepinephrine; (Synergism) (Witt, P.A. (204) 149)

Quisqualic acid
Barbiturates; Dicarboxylic amino acids; cGMP; NMDA (N-methyl-D-aspartic acid); Kainic acid (Morgan, W.W. (204) 335)

Receptor binding
Neuropeptide Y; Neuropeptide Y fragments; Blood pressure; Mast cells; Histamine (Shen, G.H. (204) 249)

Reserpine
Adenosine; Vagal stimulation; Acetylcholine; Theophylline; (Rat) (Monteiro, E.C. (204) 193)

Rostral ventrolateral medulla
Voltammetry; Imidazoline; α_2-Adrenoceptor agonists; Clonidine; Adrenaline (Mermet, C. (204) 105)

RP 62203
5-HT_2 receptor antagonists; LSD (lysergic acid diethylamide); Prefrontal cortex; Median raphe nucleus; Ventral tegmental area; (Extracellular recordings); (Rat) (Godbout, R. (204) 97)

Runway task
Staurosporine; Protein kinase C; Cerebral ischemia; Memory (working); (Rat) (Ohno, M. (204) 113)

^{125}I-Sarafotoxin 6b binding
Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); Endothelin receptors; ^{125}I-Endothelin-1 binding; Spinal cord (Gulati, A. (204) 287)

SCH 23390
Oro-facial dyskinesia; Dopamine D_1 receptors; SK&F 38393; Behaviour; (Cat) (Spooren, W.P.J.M. (204) 217)

Shuttle-box
Inescapable shock; Inactivity; Escape deficit; Antidepressants (Murua, V.S. (204) 187)

SK&F 38393
Oro-facial dyskinesia; Dopamine D_1 receptors; SCH 23390; Behaviour; (Cat) (Spooren, W.P.J.M. (204) 217)

Spinal antinociception
5-HT (5-hydroxytryptamine, serotonin); Noradrenaline; Adenosine (Sawynok, J. (204) 301)

Spinal cord
Spontaneously hypertensive rats (SHR); Wistar-Kyoto rats (WKY); Endothelin receptors; ^{125}I-Sarafotoxin 6b binding; ^{125}I-Endothelin-1 binding (Gulati, A. (204) 287)

Spinal mechanisms
α_2-Adrenoceptors; Medetomidine; Atipamezole; Antinociception; Bulboreticular formation (Pertovaara, A. (204) 9)

Spinal neurones
Arthropod toxins; NMDA (N-methyl-D-aspartate); AMPA (2-amino-3-(3-hydroxy-5-methylisoxazole-4-yl propionic acid); Iontophoresis (Jones, M.G. (204) 203)

Spontaneously hypertensive rats (SHR)
Wistar-Kyoto rats (WKY); Endothelin receptors; ^{125}I-Sarafotoxin 6b binding; ^{125}I-Endothelin-1 binding; Spinal cord (Gulati, A. (204) 287)

Staurosporine
Protein kinase C; Cerebral ischemia; Memory (working); Runway task; (Rat) (Ohno, M. (204) 113)

Substantia nigra
Corpus striatum; Dopamine release; Microdialysis; Dopamine D_1 receptors; Dopamine D_2 receptors (Santiago, M. (204) 79)

Amphetamine; Dopaminergic neurons; Attention deficit disorder; Neonate; (Stimulants) (Trent, F. (204) 265)

Sulfhydryl
Na^+, K^+-ATPase; Monensin; Veratrine; Ca^{2+}; Na^+–Ca^{2+} exchange (Matsuda, T. (204) 257)

Sympathetic terminals
(R)-α-Methylhistamine; Thioperamide; Electrical field stimulation; Heart (Luo, X.-X. (204) 311)

Synaptic transmission
Enteric nervous system; Autonomic ganglia; Ileum (guinea-pig); Thyrotropin-releasing hormone (TRH); Intestinal secretion; Intestinal mucosa (Zafirov, D.H. (204) 109)

Theophylline
Caffeine; Phosphodiesterase inhibition; Adenosine receptors; Body temperature; (Mouse) (Durcan, M.J. (204) 15)

Adenosine; Vagal stimulation; Acetylcholine; Reserpine; (Rat) (Monteiro, E.C. (204) 193)

Thioperamide
(R)-α-Methylhistamine; Electrical field stimulation; Heart; Sympathetic terminals (Luo, X.-X. (204) 311)

Thyrotropin-releasing hormone (TRH)
Enteric nervous system; Autonomic ganglia; Ileum (guinea-pig); Intestinal secretion; Intestinal mucosa; Synaptic transmission (Zafirov, D.H. (204) 109)

Tonic convulsion
Dietary Mg^{2+}-deficient mice; NMDA receptor antagonists; Anticonvulsant effects; Epileptiform discharge; Hippocampal slice (Nakanishi, H. (204) 29)

TRH–thyrotropin axis
Buspirone; Ipsapirone; 1-PP (1-(2-pyrimidinyl)piperazine); 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); DP-5-CT (N,N-di-propyl-5-carboxamidotryptamine); 5-HT_{1A} receptors; α_2-Adrenoceptors (Broqua, P. (204) 141)

Vagal stimulation
Adenosine; Acetylcholine; Theophylline; Reserpine; (Rat) (Monteiro, E.C. (204) 193)

Vascular reactivity
Endotoxin; Nitroprusside (sodium); Vasodilators (Guc, M.O. (204) 63)

Vas deferens (mouse)
Phorbol ester; Protein kinase C; Field stimulation; Noradrenaline release; Contractility (Kaschube, M. (204) 55)

ATP; Norepinephrine; Purinoceptors; (Synergism) (Witt, P.A. (204) 149)

Vas deferens (rat)
Neurokinin A; Ca^{2+}; Fura-2 (Nagata, K. (204) 295)

Vasodilators
Endotoxin; Nitroprusside (sodium); Vascular reactivity (Guc, M.O. (204) 63)

Venoconstriction
NK_3 receptors; Endothelium; Mesenteric vascular bed (rat) (D'Orléans-Juste, P. (204) 329)

Ventral tegmental area
RP 62203; 5-HT_2 receptor antagonists; LSD (lysergic acid diethylamide); Prefrontal cortex; Median raphe nucleus; (Extracellular recordings); (Rat) (Godbout, R. (204) 97)

Veratrine
Na^+, K^+-ATPase; Monensin; Ca^{2+}; Na^+–Ca^{2+} exchange; Sulfhydryl (Matsuda, T. (204) 257)

Voltammetry
Rostral ventrolateral medulla; Imidazoline; α_2-Adrenoceptor agonists; Clonidine; Adrenaline (Mermet, C. (204) 105)

Vomiting
5-HT_4 receptors; Zacopride; ICS 205-930; Copper sulphate (Bhandari, P. (204) 273)

Wistar-Kyoto rats (WKY)
Spontaneously hypertensive rats (SHR); Endothelin receptors; ^{125}I-Sarafotoxin 6b binding; ^{125}I-Endothelin-1 binding; Spinal cord (Gulati, A. (204) 287)

Writhing test
Antinociception; Dopamine; Nefopam (Ohkubo, Y. (204) 121)

Y_1 receptors
Neuropeptide Y (NPY); NPY receptors; Y_2 receptors; [Leu^{31},Pro^{34}]-NPY; NPY-(18-36); NPY-(13-36) (Doods, H.N. (204) 101)

Y_2 receptors
Neuropeptide Y (NPY); NPY receptors; Y_1 receptors; [Leu^{31},Pro^{34}]-NPY; NPY-(18-36); NPY-(13-36) (Doods, H.N. (204) 101)

Zacopride
Vomiting; 5-HT_4 receptors; ICS 205-930; Copper sulphate (Bhandari, P. (204) 273)